6. In combination in a motor vehicle:

a storage device comprising a combination of batteries including a fast charge-discharge battery;

an electric motor for powering said vehicle;

a cruise mode control circuit for utilizing said combustion engine to charge said fast charge-discharge battery during cruise mode OFF condition; and,

wherein the horsepower of said electric motor is greater than the horsepower of said combustion engine.

7. A method for operating a hybrid motor vehicle utilizing either said combustion engine or said electrical storage device, said method comprising the steps of:

powering said hybrid motor vehicle utilizing either said combustion engine or said electrical storage device; and,

charging a fast charge-discharge battery when powering said hybrid vehicle utilizing said electrical storage device.

8. The method according to Claim 7, wherein said method of operating a hybrid motor vehicle when powering said hybrid motor vehicle utilizing said electrical storage device includes the step of continuing to run said combustion engine to charge said fast charge-discharge battery.

9. The method according to Claim 7, wherein control for oper-ting said hybrid vehicle utilizing said combustion engine or said electrical storage device comprises a cruise mode control circuit.

10. The method according to Claim 7, including the further step of powering said hybrid motor vehicle utilizing said combustion engine in the event of failure of said electrical storage device.

11. In combination in a motor vehicle:

a combustion engine for powering said vehicle;

an electric motor for powering said vehicle;

a switch responsive to a signal representative of a level of a pollutant exceeding a predetermined level for powering said motor vehicle utilizing said electric motor and excluding powering said motor vehicle by said combustion engine.

12. In combination in a motor vehicle:

a combustion engine;

an exhaust emission analyzer coupled to said combustion engine for providing data output signals;

an exhaust emission comparator; and,

an information super highway coupled between said exhaust emission analyzer and said exhaust emission comparator.

13. In combination:

a motor vehicle;

a utilization device; and

an information super highway coupled between said motor vehicle and said utilization device for transmitting vehicle operating data.

14. The combination according to Claim 13, wherein said utilization device comprises an exhaust emission comparator for receiving said vehicle operation data.

15. In combination:

a motor vehicle;

a utilization device; and,

an interactive information network coupled between said motor vehicle and said utilization device for controlling said motor vehicle.

16. The combination according to Claim 15, wherein said utilization device comprises a signal generator for transmitting a control signal to said motor vehicle for affecting an operating mode of said motor vehicle.

17. The combination according to Claim 16, wherein said operating mode is the cruise mode.

18. In combination in a motor vehicle:
an internal combustion engine;
an exhaust manifold coupled to said internal combustion engine;
a 3 way catalytic converter;
said exhaust manifold having a downstream end coupled to said 3 way catalytic converter;
said exhaust manifold having an outer wall surface; and,
a catalytic converter surrounding said outer wall surface for deriving heat from said outer wall surface.

19. The combination according to Claim 18 including means for directing ambient air pollutants along said outer wall surface.

20. The combination according to Claim 18 wherein said catalytic converter surrounding said outer wall surface comprises an electrically heated catalytic converter.

add G17
add B17 + BB17
add C17 + CC2 + CCC1
add E17
add F17
add G17
add H1
add I1
add J1
add K1